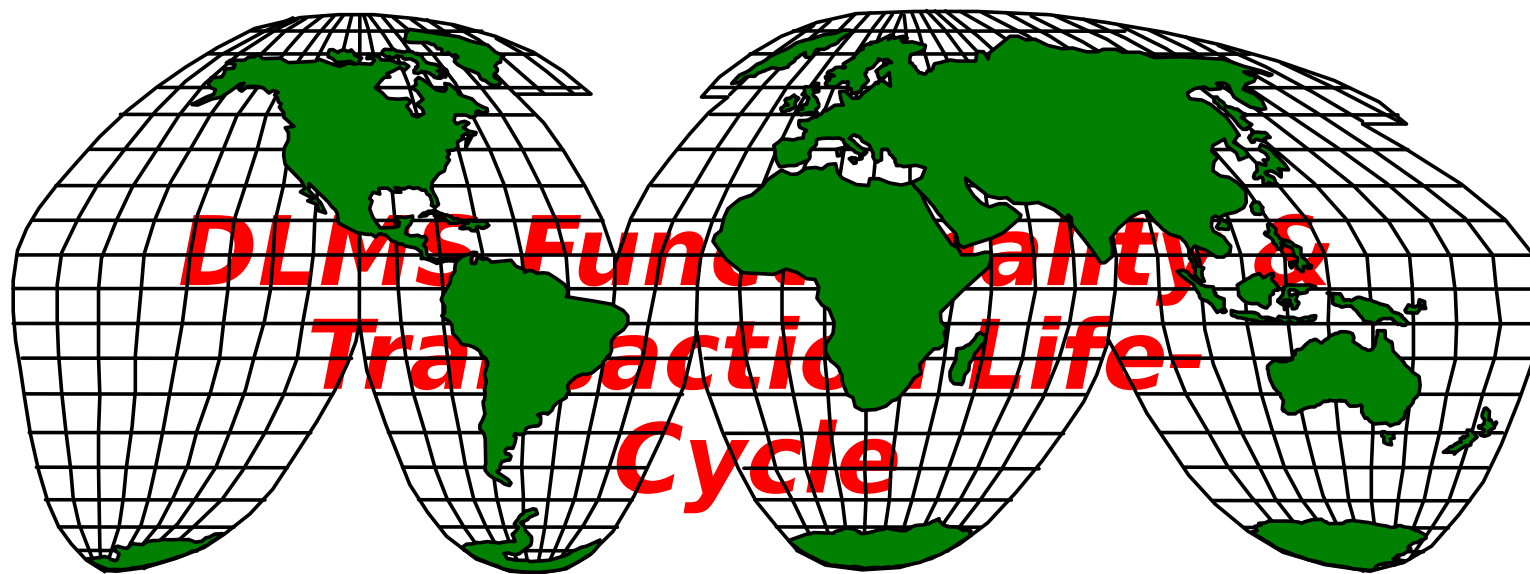




Defense Logistics Management Standards (DLMS) Introductory Training





DLMS Training Catalog

- Module 1 - Introduction to the DLMS**
- Module 2 - Electronic Data Interchange (EDI) Basics and ASC X12 EDI Definitions and Concepts**
- Module 3 - DLMS Functionality & Transaction Life-Cycle**
- Module 4 - DLMS Implementation Convention Content**
- Module 5 - IUID & RFID - Emerging Technologies**
- Module 6 - Creating/Reengineering DOD Logistics Business Processes**
- Module 7 - Enterprise Interoperability Tools**
- Module 8 - DoD Activity Address Directory (DoDAAD)**
- Module 9 - Supply Discrepancy Reporting (SDR)**
- Module 10 - DLMS Functional Financial Transaction (standalone)**
- Module 11 - Creating/Reengineering DOD Logistics (standalone)**



Module 3

Structure

DLMS Functionality & Transaction Life-Cycle

- **Relationship Between the DLMS EDI & MILS**
- **DLMS Functionality by Transaction**
- **DLMS Program Office Web Site Navigation**



Module 3 Objectives

Students will gain a basic understanding of:

- **Relationship of the DLMS and MILS data formats**
- **High level functionality of the DLMS**
- **Relationship among DLMS business transactions**
- **Breadth of functionality covered by the DLMS**
- **Functional and data enhancements afforded by DLMS**
- **How to navigate the DLMS Program Office web site as a DLMS resource**



Data Relationship Between the DLMS EDI and the MILS 80 Record Position Fixed Length Data Field formats



EDI Document Structure

The MILS Fixed Format Requisition

304050607080910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656657686970717273747576777

MILS Format

<u>RP</u> s	<u>Field Legend</u>	<u>Sample Data</u>
01-03	Document Identifier	A01
04-06	Routing Identifier	SMS
07	Media and Status	B
08-22	Stock Number	
5910001234567		
23-24	Unit of Issue	EA
25-29	Quantity	1
30-43	Document No	
FB230093070001		
44	Demand	R
45-50	Supplementary Address	
51	Signal	A
52-53	Fund	KZ
54-56	Distribution	
57-59	Project	9GF
60-61	Priority	08
62-64	Reqd. Delivery Date	777
65-66	Advice	2A
67-69	Blank (Date of Rcpt on Referral/Passing Order)	
	Blank (Intra-Service use)	

DLMS EDI Format

```
ST*511*00000001^
BR*00*A0*20000729*****131
708^
N1*OB**10*FB2300**FR^
LX*1^
N9*TN*FB230093070001^
PO1**1*EA***FS*5910001234
567^
DD*R*74^
LM*DF^
LQ*0*A01^
LQ*78*9GF^
LQ*79*08^
LQ*80*2A^
LQ*DE*A^
LQ*DF*B^
LQ*AL*777^
N1*Z4**M4*SMS**TO^
FA1*DY*D340^
FA2*B5*KZ^
SE*14*00000001^
```



DLMS & MILS

Transaction Relationship

DLMS	MILS Document Identifier Code (DIC)
DLMS 527R - Receipt	D4M/D4S/D4U/D4V/D4X/D4Z/ D6A/D6B/D6C/D6D/D6E/D6G/D6H/D6J/ D6K/D6L/D6M/D6N/D6Q/D6R/D6T/D6U/ D6V/D6X/D6Z/ DRA/DRB/DRF/ DXA/DXB/DXC/DXD/ DZK

Transactions within a MILS family:

- 1 DLMS Transaction, 33 MILS Transactions, 5 Families

Same first 2 characters of the Document Identifier Code

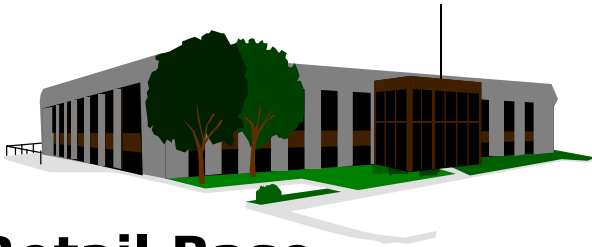
- Data content nearly identical -- lots of reusability



DLMS Functional Transaction Life-Cycle Overview



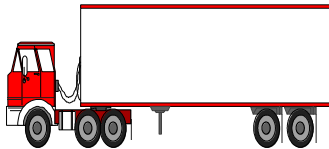
DLMS Requisition Cycle



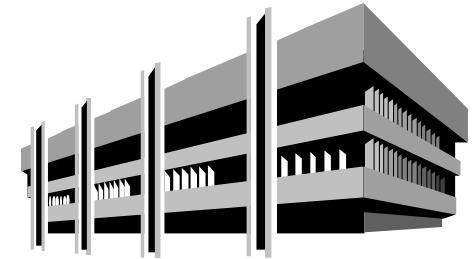
Retail Base



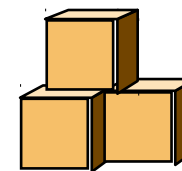
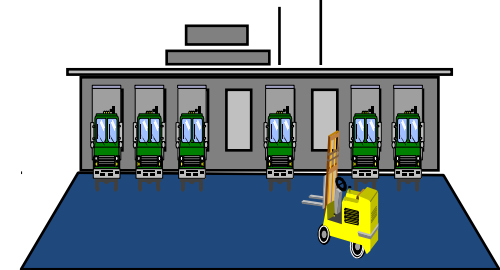
**Source of Supply (SOS)
ICP/IMM**



USTRANSCOM



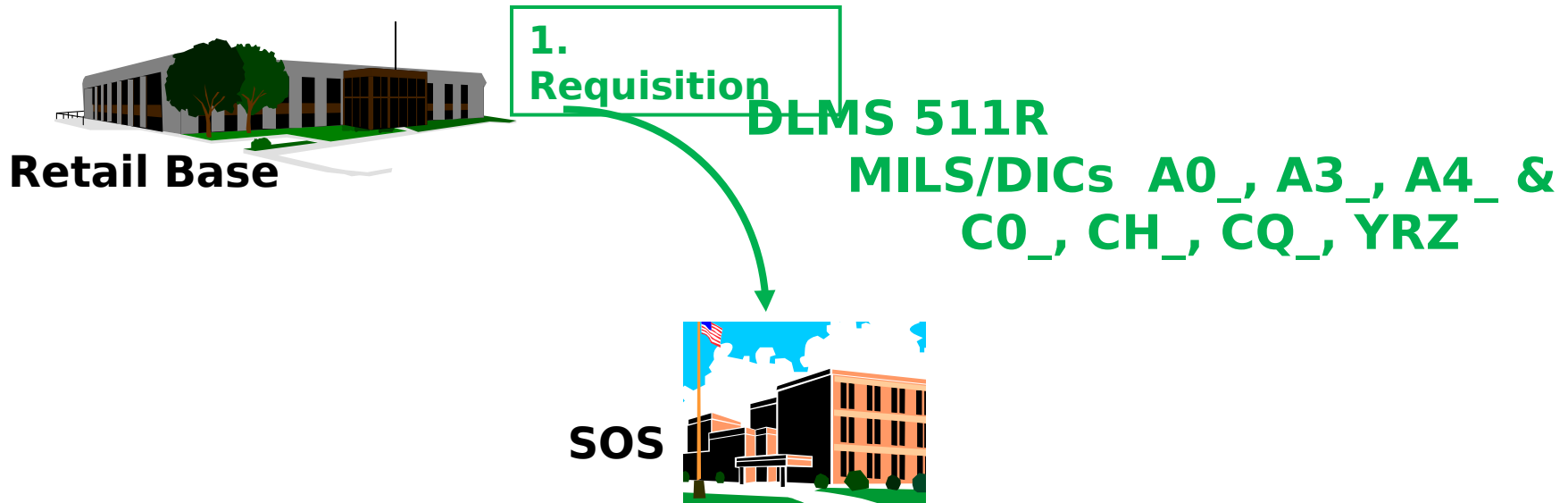
**Defense
Finance and
Accounting
Service**



**Distribution
Depot
or Vendor**



DLMS Requisition Cycle





DLMS 511R, Requisition

Basic Functionality

- Standard and non-standard materiel
- Government-furnished materiel (GFM)
- Security Assistance
- Passing orders
- Referral orders

DLMS Enhancements

- Transaction set preparation date/time
- Unit Price/Total Dollar Value
- Utilization code
- Special requirements code
- Points of contact
- Detailed line of accounting components



DLMS 511R, Enhancements Applicable to Non-Standard Materiel

- Supporting Document No.
- Color
- Drawing Revision No.
- Catalog Number
- Series Identifier
- Model Number
- Figure Number
- ✓ General Specification No.
- ✓ Manufacturer's Name
- ✓ Process Number
- ✓ Publication Number
- ✓ Dimension/Measurement
- ✓ Material Description
- ✓ Potential Source of Supply
- ✓ End Item Manufacturer

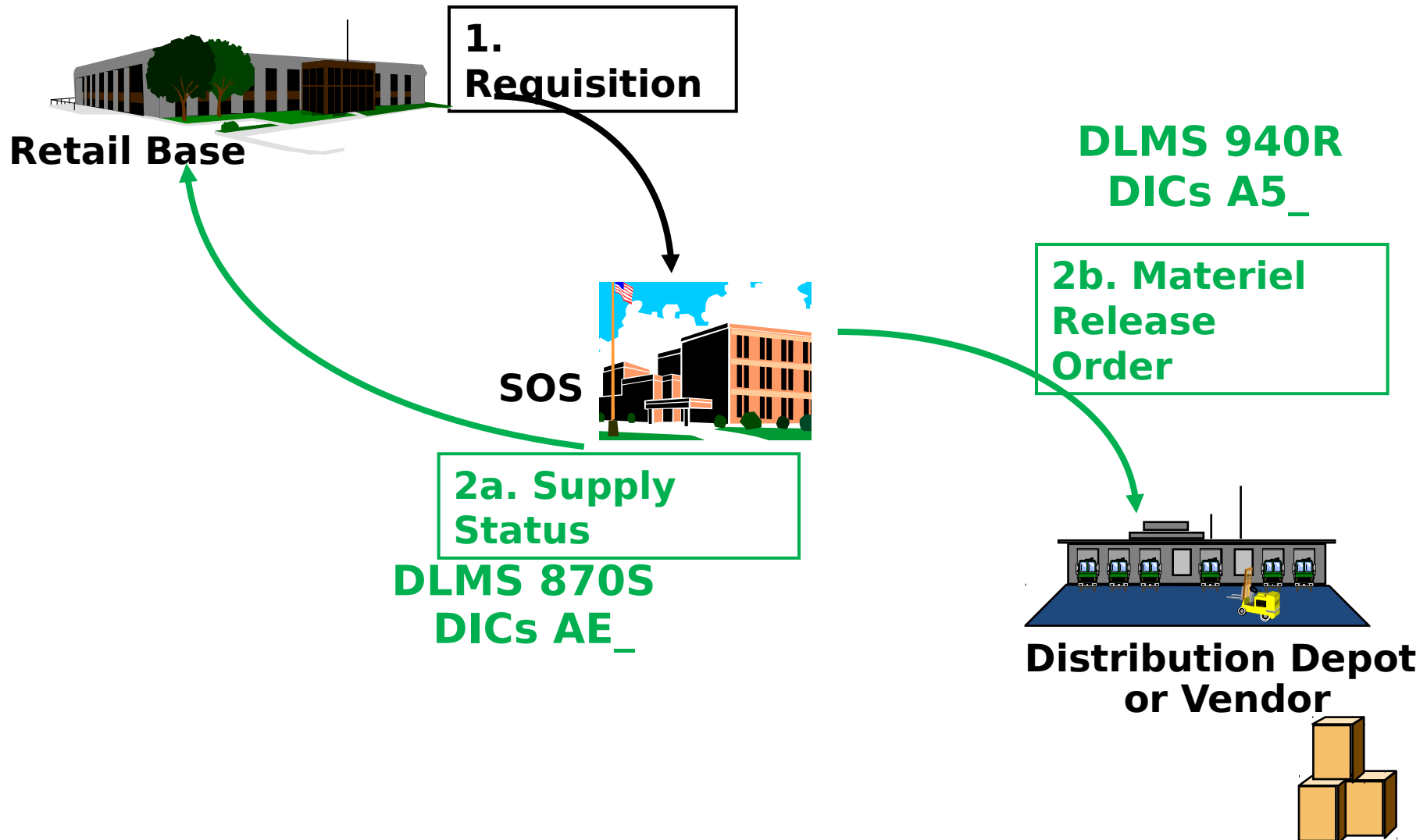


DLMS 511R, Requisition

After initial submission

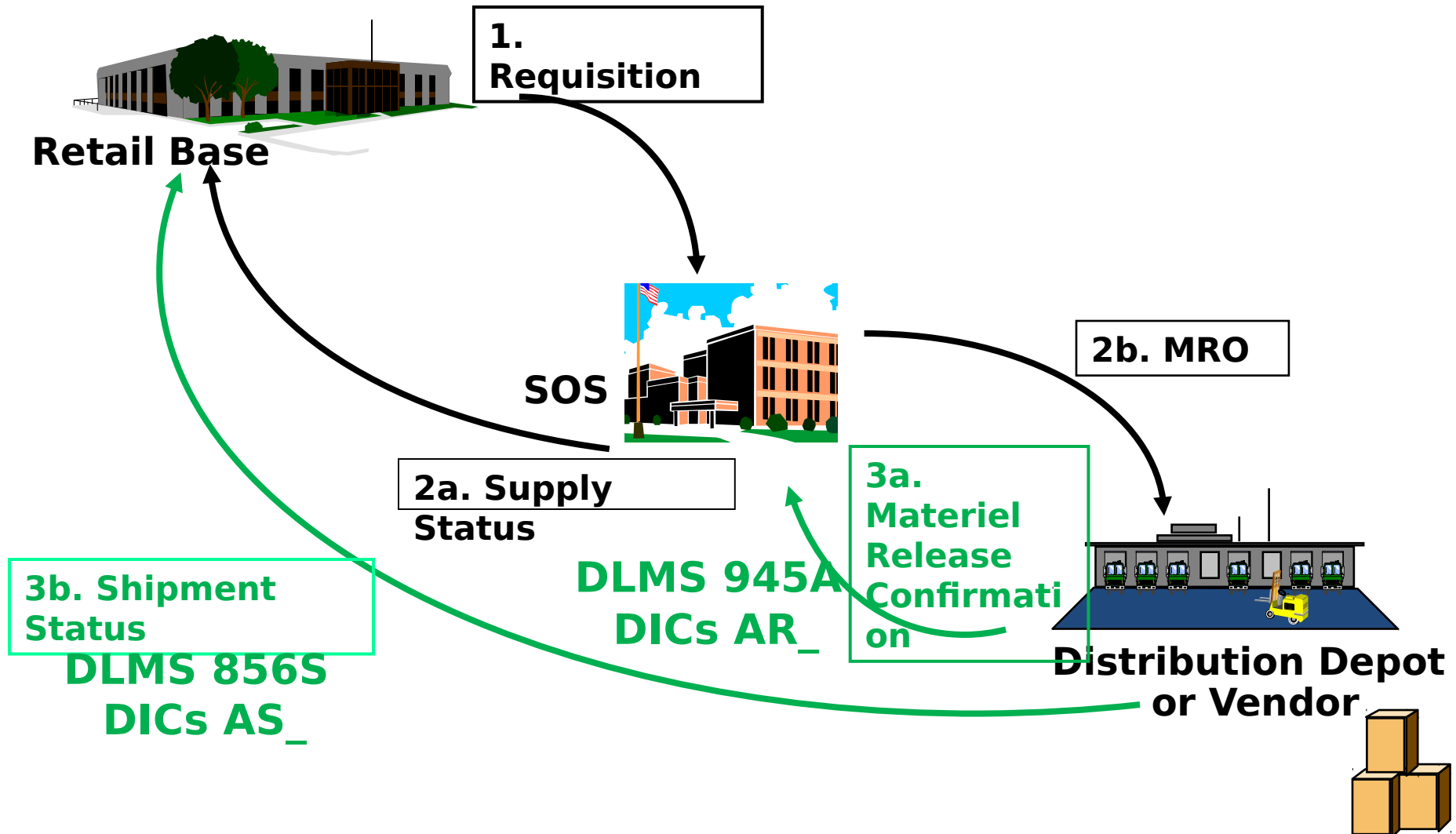


DLMS Requisition Cycle



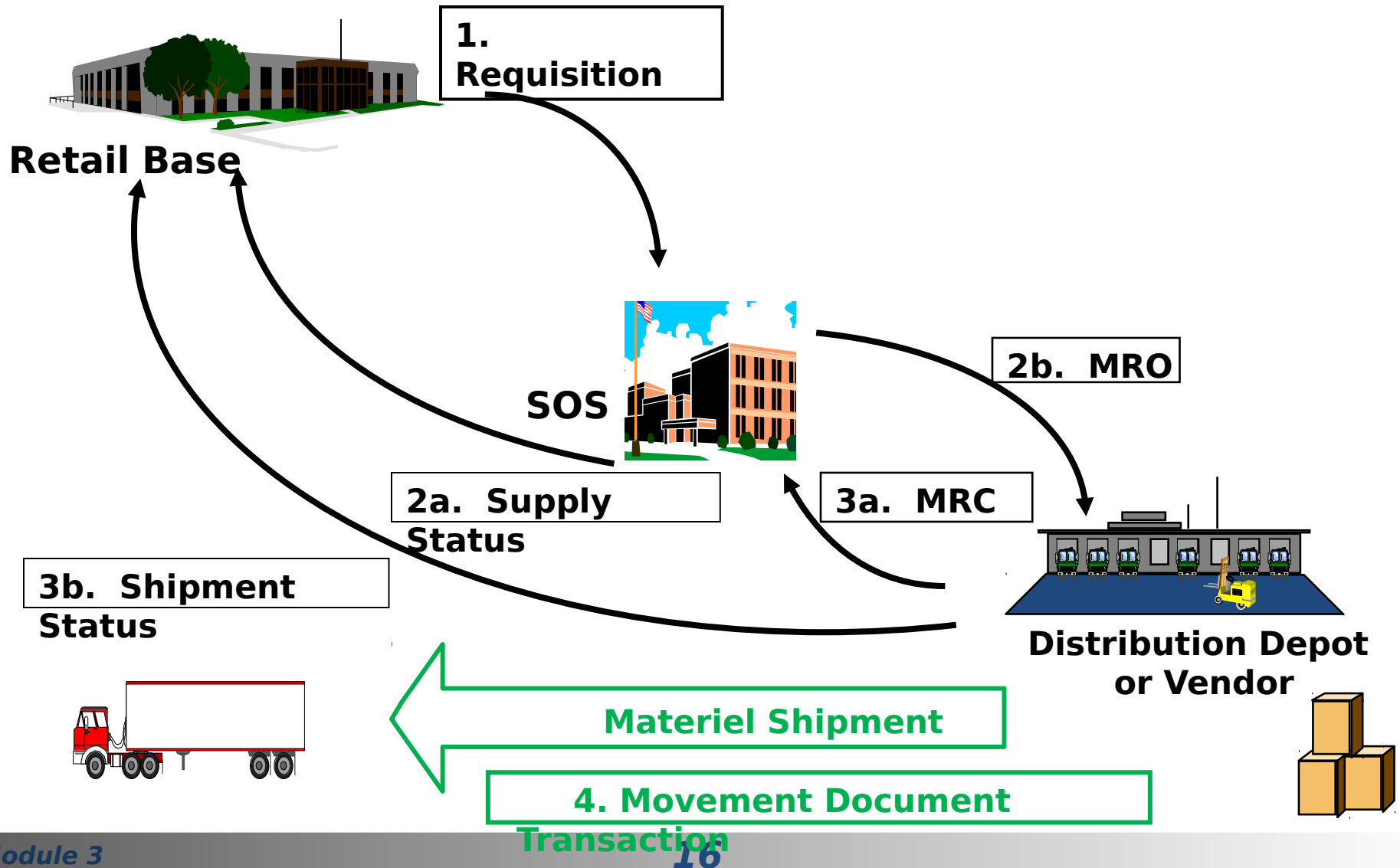


DLMS Requisition Cycle





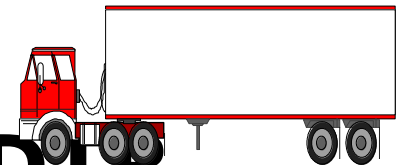
DLMS Requisition Cycle





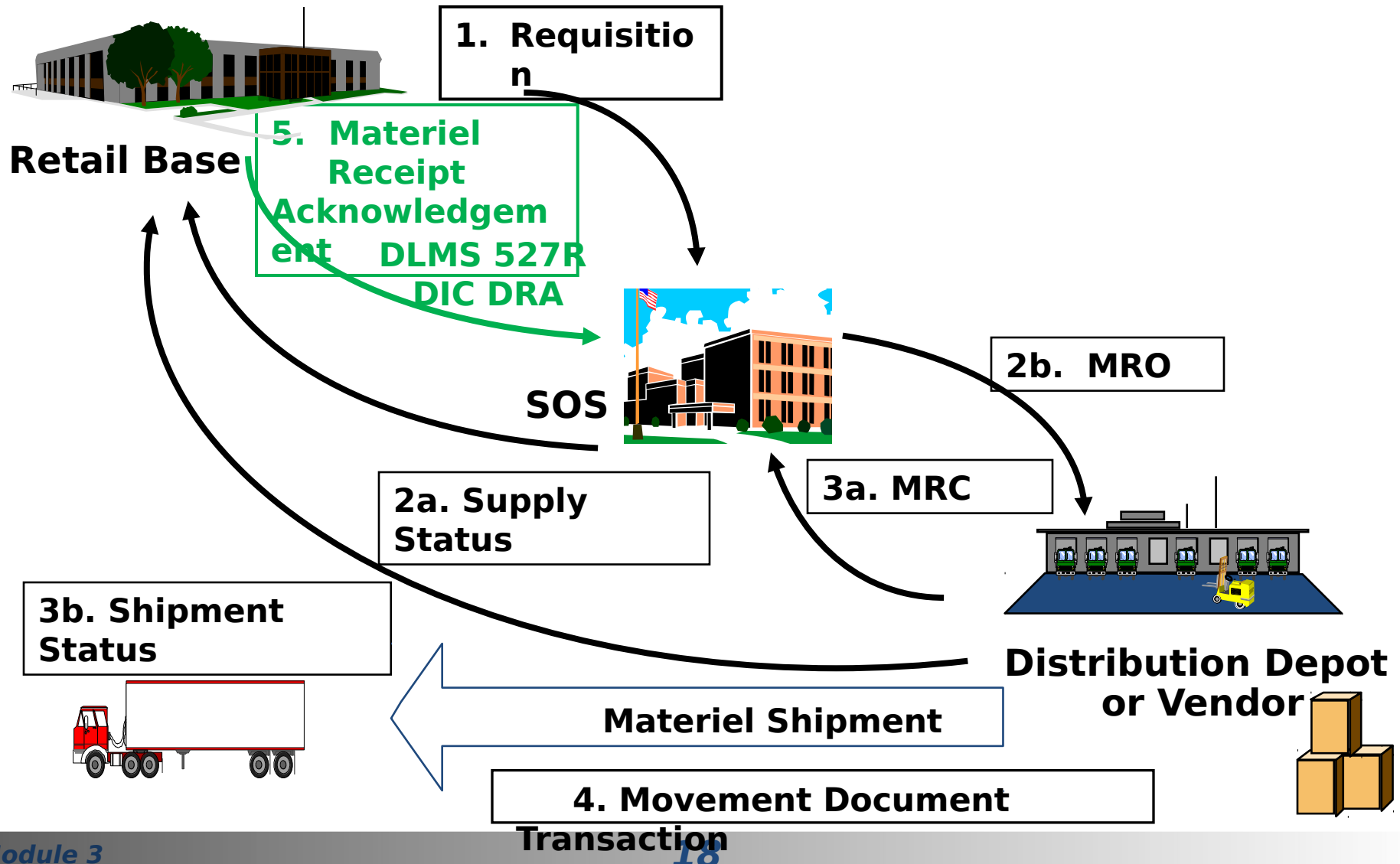
Transportation

- **USTRANSCOM leading transportation reengineering efforts**
- **DOD goal is a paperless business environment using e-Business**
- **Wide range of transportation specific ICs**
- **Procedures governed by DTR**



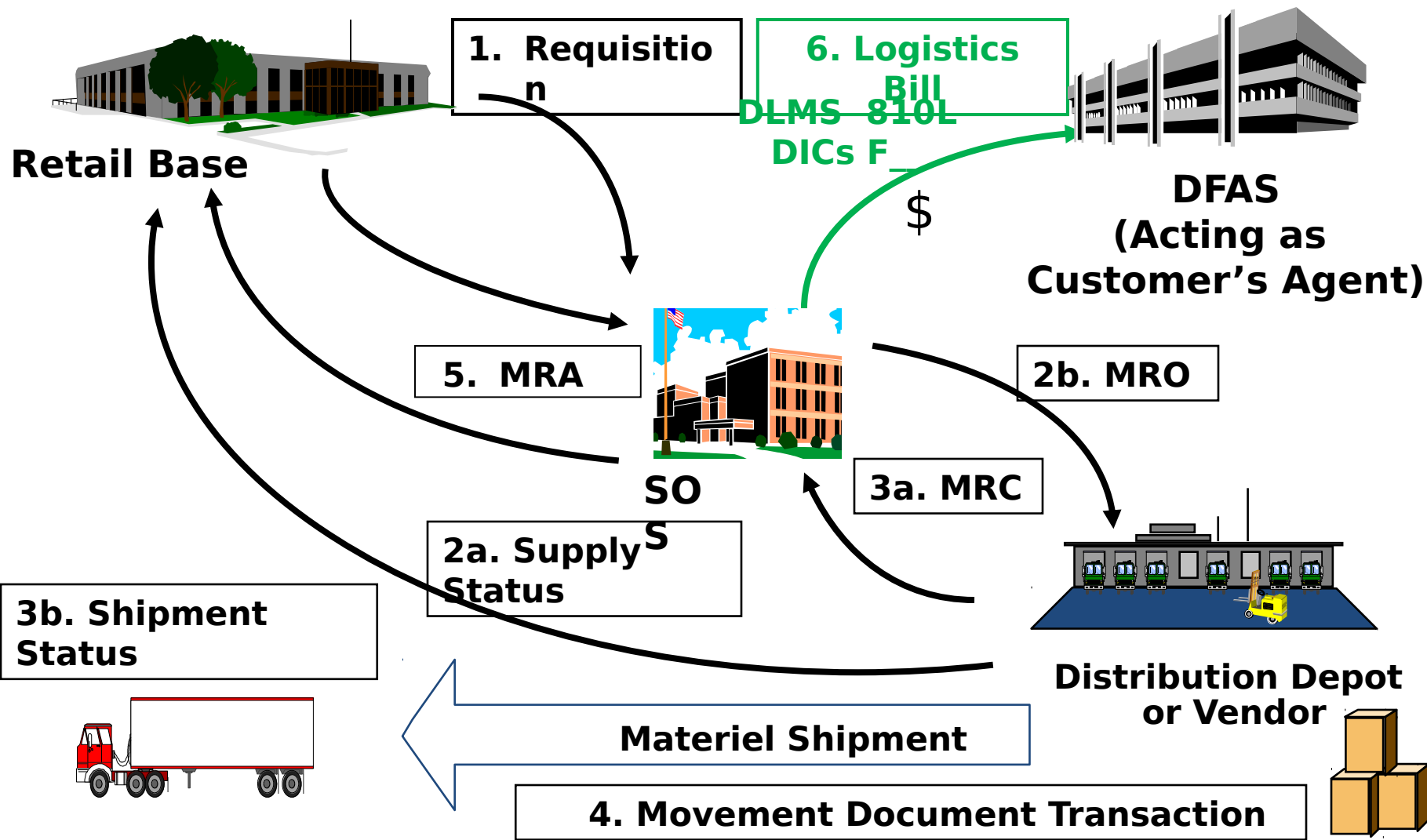


DLMS Requisition Cycle



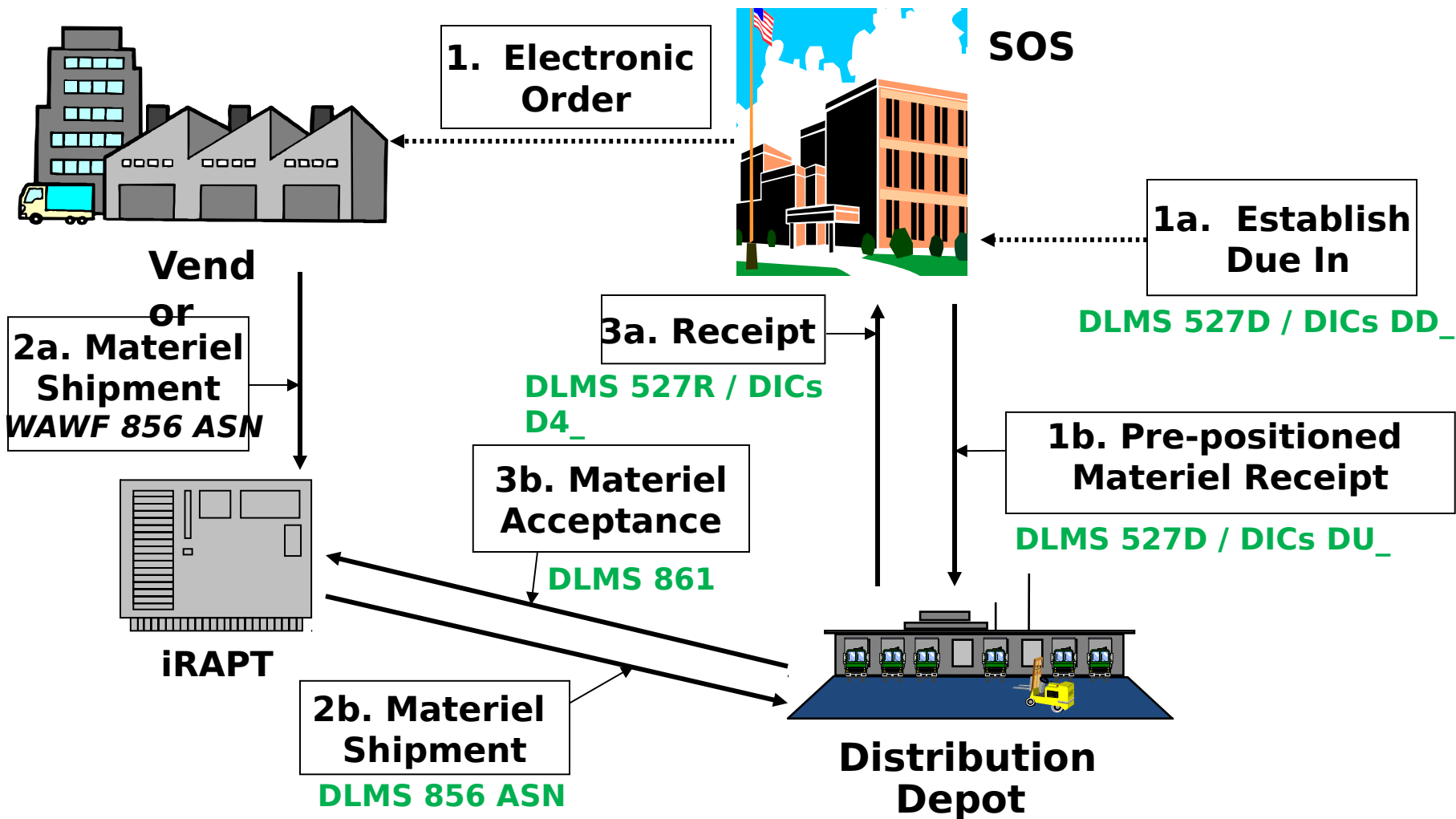


DLMS Requisition Cycle



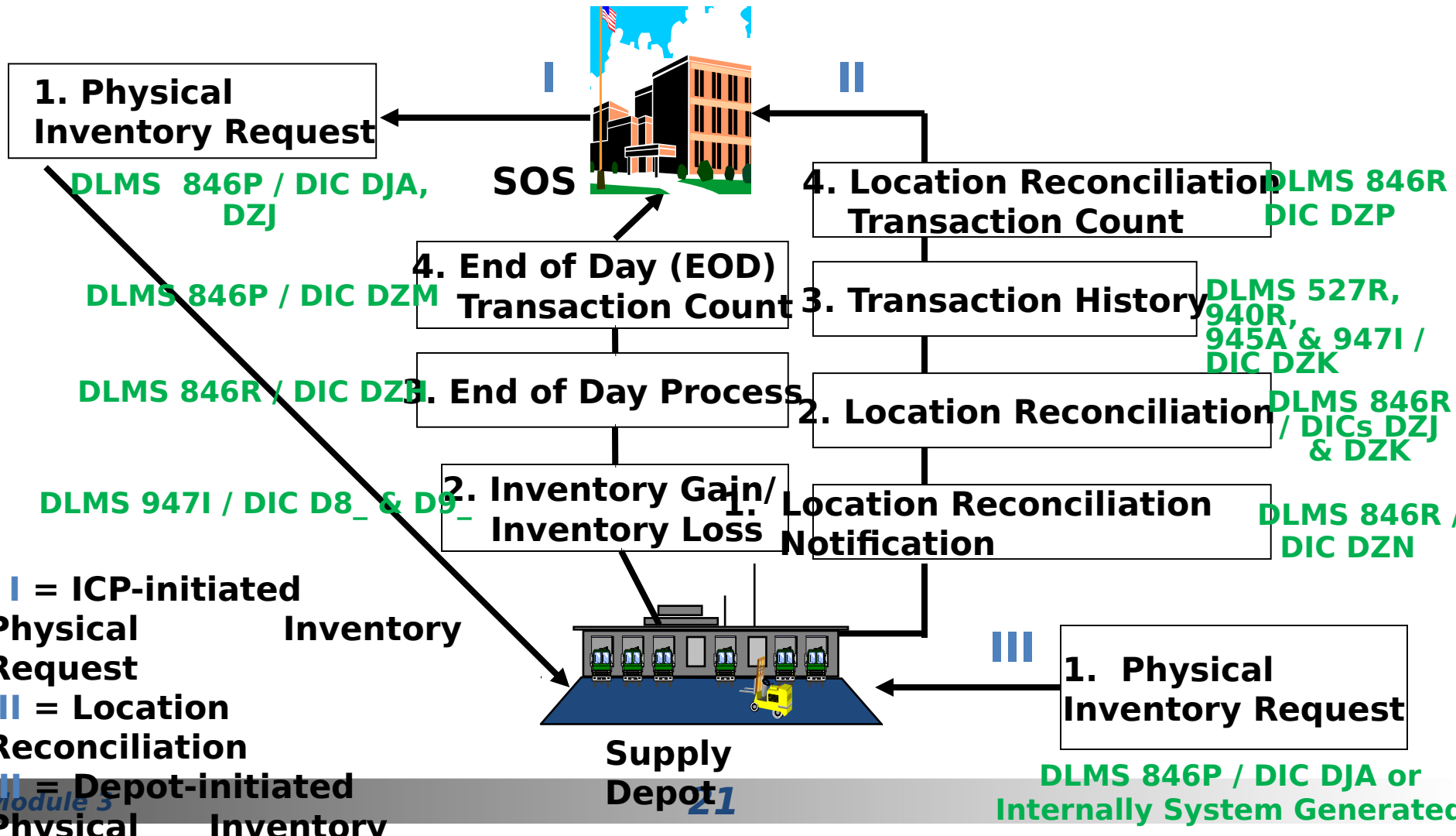


Receipt Processing (New Procurements)





Physical Inventory Control Program





Sample of DLMS Enhancements

- Automation of previously manual processes such as Supply Discrepancy Reporting (**SDR**) DLMS 842A/R
- Mass transaction modification and cancelation capability- previously addressed by single line item or requested off-line
- Separately identify supply & transportation priorities
- Transmission to recipients of Radio Frequency Tag Identifier (**RFID**) at multiple tagging indenture levels
- Transmission of Unique Item Identifier (**UII**) of items
- Capability to transmit clear text exception data
- Capability to transmit detailed Contract, Storage data, etc.
- Inclusion of Component unique data
- Current data enhancements by DLMS Implementation Convention published on DLMS web site.



DLMS GFP Accountability Enhancements

New transaction data & business rules required by ADC 390, 1014 and 1014A:

- Full DFARS contract number data in GFP requisitions DLMS 511R.
- Include contract data in the DLMS 527R Receipt and MRA transactions.
- MCA or DAAS when acting on behalf of the MCA perpetuate contract number data in requisition 511R and MCA Validation DLMS 517G.
- Source of supply (SOS) perpetuate the GFP contract data in the Materiel Release Order (DLMS 940R) sent to supply depot for stock issues.
- Shipping activity or SOS, as applicable, to perpetuate the GFP contract number data to the shipment status (DLMS 856S).
- Contractors using DLMS transactions & shipping GFP into DOD inventory identify GFP contract data in shipment status transaction (DLMS 856S or 856R) and shipping documentation.
- Include contract data in the DLMS 940R when used to direct reparable for induction to commercial maintenance & perpetuate contract data in status trans.
- Contract number on the DLMS 856S, Shipment Status, when used for DD 1149 requirements and shipping to a contractor as GFP.



DLMS Functionality

MILSTRIP

180M, 511M, 511R, 517G,
517M, 856N, 856R, 856S,
869A, 869C, 869F, 870M,
870N, 870S, 940R, 945A

Discrepancy/ Deficiency Programs

842A/R, 842A/W, 842C/I,
842C/R, 842P, 842S/Q,

842S/R

BRAC IMSP

832N, 940S, 943A,
standard MILSTRIP,
MILSTRAP, MILSBILLS

Asset

846A

Transportation/pRFID

Visibility (XML), Visibility
Response (XML), Reader
Registration (XML)

MILSTRAP

527D, 527R, 536L, 830R,
830W, 846D, 846F, 846I,
846M, 846P, 846R, 846S,
867D, 867I, 870L, 888I,

947I

Contract

567C, 856, 861

Small Arms/ Light Weapons

140A, 888A

Demand Data Exchange

830D

General

824R, 997

MILSBILLS

810L, 812L, 812R, FV1
(XML), FV2 (XML)

Disposition Services

832N, 846C, 996H,
standard MILSTRIP,
MILSTRAP, MILSBILLS

Medical Unit Assembly

650A, 650C

Weapon System

888W

*Reference **Tab N** for details



The DLMS Program Office Web Site A Valuable Resource

www.dlmso.dla.mil





Easy Access To:

- Latest published MILS & DLMS manuals
- DLMS Implementation Conventions
- DLMS XML Schemas
- Process change documentation (PDCs, ADCs)
- Committee information
- DLMS Dictionary
- Logistics Data Resources Management System (LOGDRMS) - <https://www.dlmso.dla.mil/logdrms/>
- DLMS Training
- And more - **worth exploring!!!**



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Welcome to Defense Logistics Management Standards Office

DLMS Center of Excellence

Mission: Facilitate continuous enterprise integration process improvements to logistics management and operations.

Objective:

Consistently explore, develop, and implement logistics processes and procedures through state of the art best business practices to ensure the effective use of taxpayer dollars in support of the warfighter. Accelerate transformation of DoD logistics operations from obsolete information exchange processes (also known as MILS-Military Standard Logistics Systems) to variable length records made possible by Defense Logistics Management Standards (DLMS) processing. Develop, coordinate, and publish Defense Logistics Manuals (DLMs) and related publications providing guidance for emerging Enterprise Resource Planning (ERP) programs. Preserve legacy operations until the DoD-enterprise has transformed their respective operations.

**Quick link to
the DLMS
Implementation
on
Conventions**

HOT TOPICS:

- [DLMS Implementation](#)

Events/ Meetings:

DLMS Video:

- [DOD's Logistics Support Solution](#)
- [DOD's Logistics Support Solution \(w/captions\)](#)

Latest Info:

- [DoD 411 - Email Address Lookup](#)
- [DoD Whitepages - Improved DoD Email Address Lookup](#)

DEPSECDEF SUPPORTS DLMS MIGRATION; OSD/AT&L MANDATES DLMS COMPLIANCE

Deputy Secretary of Defense signed DoD Directive 8190.01E "Defense Logistics Management Standards" policy on January 9, 2015. The OSD/AT&L Functional Strategy of 2013 mandates DLMS compliance by 2019. Accountability will be enforced through the Defense Business Council's Capital Planning and Investment Control process.



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DLMS Implementation Conventions - Transaction Schemas

This page contains several formats of the Implementation Conventions: .pdf and .sef; XML Schema .xsd.

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No.	X12 Version	Federal IC	DLMS IC*	Associated DLMS Change**	Title	DLMS Enhancements	DIC
140A	4010	7 Aug 08	004010F140A2AA06 Aug0315 004010F140A2AA06 Aug0315 004010F140A2AA06 Aug0315	ADCs: 77 147 171 220 249 436 1043C 1136	Small Arms & Light Weapons (SA/LW) Reporting	140A	DSC DSD DSF DSM DSR
180M	4010	6 Nov 05	004010F180M3MA10 Aug0315 004010F180M3MA10 Aug0315 004010F180M3MA10 Aug0315	ADCs: 60 60A 60B 77 170 435 436 1043 1043A 1043B 1043C 1136	Materiel Returns Reporting	180M	FTA FTC FTF FTE/FTG FTT

Related Links:

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- [Approved Changes](#)
- [DLMS Enhancements PDF](#)
- [DoD XML Registry](#)
- [Finance PRC](#)
- [Supply PRC](#)
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Jump to a specific Transaction



511M Back to top	4010	18 May 09	004010F511M5MA39 Dec0715 004010F511M5MA39 Dec0715 004010F511M5MA39 Dec0715	ADCs: 59 69A 75 76 77 97 169 186 221 221A 243 263 264 274 276 284A 322 328 352 359 375 377 381 381B 435 436 448 448B 466 473 473A 1009A 1014 1014A 1020 1023 1043 1043A 1043B 1043C 1050 1068 1075 1110 1123 1136 1184 PDC 1176 004010F511M5MP48 Apr2516	Requisition Modification	511M	A0_/AM_ A0_/AM_ (SA only) AMF/AMP
511R Back to top	4010	19 Jun 06	004010F511R5RA47 Dec0715 004010F511R5RA47 Dec0715 004010F511R5RA47 Dec0715	ADCs: 45 59 69 69A 70 76 77 79 86 97 169 178 183 186 221 221A 243 264 266 274 276 279 284A322 328 352 359 363 375 377 381 381B 426 428 428A435 436 448 448B457 466 473 473A1009A 1014 1014A 1019 1020 1021 1023 1043 1043A 1043B 1043C 1050 1062 1068 1068B 1075 1110 1123 1136 1184 PDC 1176 PDC 1207 004010F511R5RP48 May0216		511R	A0_/AM_ A0_/AM_ (SA only) A02/A0B A3_ A4_

**First link is
always the
Implementati
on
Convention**



1 / 69

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Bookmarks

- 511 Requisition
 - ST Transaction Set Header
 - BR Beginning Segment for Material Management
 - N1 Name
 - G61 Contact
 - LX Assigned Number
 - N9 Reference Identification
 - PO1 Baseline Item Data
 - DD Demand Detail
 - GF Furnished Goods and Services
 - G62 Date/Time
 - LIN Item Identification
 - MEA Measurements
 - G69 Line Item Detail - Description
 - NTE Note/Special Instruction
 - LM Code Source Information
 - LQ Industry Code
 - QTY Quantity
 - N1 Name
 - N2 Additional Name Information
 - N3 Address Information
 - N4 Geographic Location

DLMS Implementation Convention (IC) 511R Requisition

ADCs 45, 59, 67, 69, 69A, 70, 75, 76, 77, 79, 83, 86, 92, 97, 169, 176, 178, 183, 186, 221, 221A, 243, 264, 266, 274, 276, 279, 284, 284A, 322, 328, 352, 359, 363, 375, 377, 381, 381B, 426, 435, 436, 448, 448B, 457, 466, 473, 473A, 1009A, 1014, 1014A, 1019, 1020, 1021, 1023, 1043, 1043A, 1043B, 1043C, 1050, 1062, 1068, 1075, 1110, 1123, 1136 and 1184 DLM 4000.25

511 Requisition

Functional Group=RN

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Requisition Transaction Set (511) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to requisition needed material and equipment from a supply distribution system for immediate consumption or stockage against projected requirements. The originator can also use this transaction set to inquire about the status of, amend, or terminate the original requisition. This transaction set may be used to convey a description and quantity of the required material, delivery and billing information, and other logistics information necessary to evaluate and meet the material needs of the originator. This transaction set is not used to establish a contractual relationship between trading partners, and may precede the use of a purchase order.

Federal Note:

- Organizations use this transaction set to order items of supply, to refer transactions to another supply source for processing, and to transmit misrouted transactions between supply sources.
- Use a single occurrence of this transaction set to transmit single or multiple requisitions to one or more supply sources.
- A single transaction set may contain a combination of requisitions for standard and nonstandard materiel.
- DoD logistics users should refer to the Defense Logistics Management Standards (DLMS) Implementation Convention (IC) available at URL: <http://www.dla.mil/j-6/dlms>. The DLMS IC provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

DLMS Note:

- Requisitions for materiel to be provided as Government Furnished Materiel (GFM) to commercial contractors, requisitions for excess government owned plant property, and requisitions from foreign governments for materiel to be provided in support of Security Assistance (SA) contain distinguishing requirements which do not apply to non-GFM or non-SA requisitions.
- Users operating under the Defense Logistics Management Standards (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and the Transportation Mode of Shipment Conversion Table which can be found on the Defense Logistics Management Standards Office Website at www.dla.mil/j-6/dlms.
- This DLMS Implementation Convention contains:
 - Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with Defense Logistics Management Standards Office prior to use.
 - Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must coordinate implementation with Defense Logistics Management Standards Office prior to use.

Done



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DLMS Implementation Conventions - Transaction Sets

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No.	X12 Version	Federal IC	DLMS IC*	Associated DLMS Change**	Title	DLMS Enhancements	DIC
140A	4010	7 Aug 08	004010F140A2AA03 Aug0315 004010F140A2AA03 Aug0315 004010F140A2AA03 Aug0315	ADCs: 77 147 171 220	Small Arms & Light Weapons (SA/LW) Reporting	140A	DSC DSD
180M	4010	6 Nov 05	004010F180M3MA03 Aug0315 004010F180M3MA03 Aug0315 004010F180M3MA03 Aug0315				

Associated DLMS Change**	Title	DLMS Enhancements	DIC
ADCs: 77 147 171 220 249 436 1043C 1136	Small Arms & Light Weapons (SA/LW) Reporting	140A	DSC DSD DSF DSM DSR
ADCs: 60 60A 60B 77 170 435 436 1043 1043A 1043B 1043C 1136	Materiel Returns Reporting	180M	FTA FTC FTF FTE/FTG FTT



Back to top	511M	4010	18 May 09	004010F511M5MA39 Dec0715 004010F511M5MA39 Dec0715 004010F511M5MA39 Dec0715	ADCs: 59 69A 75 76 77 97 169 186 221 221A 243 263 264 274 276 284A 322 328 352 359 375 377 381 381B 435 436 448 448B 466 473 473A 1009A 1014 1014A 1020 1023 1043 1043A 1043B 1043C 1050 1068 1075 1110 1123 1136 1184 PDC 1176 004010F511M5MP40 Apr2516	Requisition Modification	511M	A0_/AM_ A0_/AM_ (SA only) AMF/AMP
	511R	4010	19 Jun 06	004010F511R5RA47 Dec0715 004010F511R5RA47 Dec0715 004010F511R5RA47 Dec0715	ADCs: 45 59 67 69 69A 70 75 76 77 79 83 86 97 169 176 178 183 186 221 221A 243 264 266 274 276 279 284A322 328 352 359 363 375 377 381 381B 426 428 428A435 436 448 448B457 466 473 473A1009A 1014 1014A 1019 1020 1021 1023 1043 1043A 1043B 1043C 1050 1062 1068 1068B 1075 1110 1123 1136 1184 PDC 1176 PDC 1207 004010F511R5RP48 May0216	Requisition	511R	A0_/AM_ A0_/AM_ (SA only) A02/A0B A3_ A4_

**DLMS
Enhancements
for 511R**



DLMS Enhancement Report - 511R

511R

DLMS Enhancement File

- DLMS Implementation Convention: 511R
- X12 Version/Release: 4010
- Change Log:

Update Date	→	Change on that date	→
Jan. 14, 2013	→	Reformatted file based on recommendations from update project team	
Oct 21, 2013	→	Added ADC:1019 DLMS Enhancements	
→ Oct 22, 2013	→	Added ADC:1020 DLMS Enhancements	
Oct 24, 2013	→	Added ADC:1021 DLMS Enhancements	
Oct 25, 2013	→	Added ADC:1023 DLMS Enhancements	
Oct 31, 2013	→	Added ADC:1050 DLMS Enhancement	
Oct 31, 2013	→	Added ADC:1062 DLMS Enhancement	
Nov 19, 2013	→	Added ADC:1043 DLMS Enhancements	
Feb 15, 2015	→	Added ADC:1068 DLMS Enhancements	
Feb 16, 2015	→	Added ADC:1075 DLMS Enhancements	
Feb 17, 2015	→	Added ADC:1014A DLMS Enhancements	
Feb 23, 2015	→	Added ADC:1009A DLMS Enhancements	
Feb 24, 2015	→	Added ADC:1043A DLMS Enhancements	
Feb 24, 2015	→	Added ADC:1110 DLMS Enhancements	
Feb 25, 2015	→	Added ADC:1136 DLMS Enhancements	
Mar 6, 2015	→	Added ADC:1043B DLMS Enhancements	
Jul 14, 2015	→	Added ADC:1043C DLMS Enhancements	
Dec 04, 2015	→	Added ADC:1123 DLMS Enhancements	
Dec 28, 2015	→	Added ADC:1184 DLMS Enhancements	

Introductory Notes:

- DLMS Enhancements are capabilities (such as the exchange of Item Unique Identification (IUID) data) that are implemented in the DLMS transactions but cannot be implemented or exchanged in non-DLMS (i.e., Legacy, DLSS, or MILS) format transactions.
- As the components within the logistics domain need new enhanced capabilities, they are added to the DLMS Implementation Convention (IC) using the Proposed/Approved DLMS Change (ADC/PDC) process. The following ADCs have added DLMS Enhancement capabilities to this DLMS IC:
 - ADC 332: Addition of Local Catalog ID qualifier to Support Requirements for Theater Enterprise-Wide Logistics System (TEWLS) Requisitions (Supply)
 - ADC 328, "Off-Line" Requisitioning Processing: Internet Ordering Application Request for Component Verification of Funds Availability and Recording of the Financial Obligation.
- DLMS Enhancement File → X12 Version/Release: 4010 → DLMS IC: 511R



DLMS Enhancement Report - 511R

(table)

511R

DS #	Location	Enhancement Entry	DLMS Note	Comment
	1/N101/70	GP: Gateway Provider Z5: Management Control Activity ZL: Party Passing the Transaction	Use for transition period to support transaction conversion in a mixed legacy MILSTRIP/DLMS environment. Use to identify DAASC Transaction Services as originator during conversion when legacy MILSTRIP transaction does not contain a "From" organization. Use to identify the MCA after validating GFM or CFM transactions. Use in passing orders and referral orders to identify the organization forwarding the transaction for further processing.	(ADC 1123 added to this list on 12/04/15) Administrative corrections: Staffing Note: DLMSO understanding is that requisition image transactions by a unique qualifier, but the data mapping will be consistent to the standard requisition and this ZL mapping is not required. See ADC 381.
	1/N103/070 and 2/N103/180	1: D-U-N-S Number, Dun & Bradstreet 9: D-U-N-S+4 10: Department of Defense Activity Address Code (DODAAC) A2: Military Assistance Program Address Code (MAPAC)	Identifies a commercial activity. DLMS enhancement; see introductory note 3 a. Identifies a commercial activity. DLMS enhancement; see introductory note 3 a. Identifies a DOD activity. DLMS enhancement; see introductory note 3 a. Identifies a Security Assistance (SA) structured address. Use to indicate the Security Assistance (SA) structured address data.	
	1/G61/110	Contact	Use under exceptional circumstances when requiring direct communication with the party originating the transaction set. Use multiple repetitions to identify multiple points of contact or communication numbers. When using multiple repetitions to identify different communication numbers for a single point of contact, repeat the name cited in G6102. DLMS enhancement; see introductory note 3 a.	
	2/N901/020	10: Consolidation Shipment Number	Use to identify the Disposal Consolidation Number (DCN) on 511R DLA-Directed MROs (DIC-C0_) applicable to DLA Disposition Services inventory. The DCN links DTIDs (as identified on separate 511R transactions) issued under a common shipment on post-post disposal issues. This is a DLMS enhancement; refer to ADC 457.	

DLMS Enhancement File

→

→

X12 Version/Release: 4010

→

→

→

DLMS IC: 511R



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Defense Logistics Standard Systems (DLSS)/ Defense Logistics Management Standards (DLMS) Cross Reference Tables

Related Links:

- [DLMS/ANSI X12
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1. A cross-reference of each DLSS Document Identifier Code (DIC) to the DLMS Implementation Convention (IC) number (e.g. 511R) for all DLSS legacy processes:
 - o [DLMS Cross Reference](#)
 - o [DIC Cross Reference](#)
2. Customer assistance aids providing Correlation of MILSTRAP/DLMS functionality to the DLMS IC. The correlation tables are available in both DIC sequence and IC sequence. The MILSTRAP/DLMS correlation table provide general cross reference between MILSTRAP legacy DIC and DLMS IC. In addition to the identification of DIC/IC basic cross references, the MILSTRAP functionality correlation tables provide the actual physical location of the applicable transaction type code(s) within each IC and clarifying information required for defining a valid correlation between the MILSTRAP legacy DIC and DLMS.
 - o [Correlation of MILSTRAP Legacy DIC Functionality to DLMS Implementation Convention \(DIC sequence\)](#) 
 - o [Correlation of MILSTRAP Legacy DIC Functionality to DLMS Implementation Convention \(DLMS sequence\)](#) 

**MILS/DLMS
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MILS to DLMS Cross Reference Report

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DLMS Qualifier and External Code List Details

ID: *0

List Type: Qualifier

DLMS Change #:

Change Source: Initial

Name: DLSS/DLMS CROSS REFERENCE GUIDE (DLSS DOCUMENT IDENTIFIER CODE (DIC) TO DLMS SUPPLEMENT (DS)) (DIC SEQUENCE)

Definition: A cross reference of applicable transactions (Document Identifier Codes (DICs)) used in the Defense Logistics Standard Systems (DLSS) to the Defense Logistics Management Standards (DLMS) implementation convention (IC) identifier used in the DLMS.

Source:**Source Location:**

Remarks: This cross reference listing includes the location of applicable DLSS transaction formats in each DLSS manual and related appendix. The presence of **** in lieu of the DLMS IC number denotes that the DLSS transaction has been replaced by a web application. This listing is limited to applicable transactions used in the Defense Logistics Standard Systems (DLSS) (Document Identifier Codes (DICs)) cross-referenced to the applicable DLMS ICs.

Type: ID**Minimum:** 3**Maximum:** 3**Action:** N/A**Associated DLMS Data Element:**

Available Code Value for the Qualifier/External Code List

Code	Definition	Explanation
A01	511R Requisition - For Overseas Shipment/With NSN/NATO Stock Number	DLM 4000.25-1 AP3.2/AP3.3 (MILSTRIP)
A02	511R Requisition - For Overseas Shipment/With Part Number	DLM 4000.25-1 AP3.4 (MILSTRIP)
A04	511R Requisition - For Overseas Shipment/With Other	DLM 4000.25-1 AP3.2/AP3.3 (MILSTRIP)
A05	511R Requisition - For Overseas Shipment/With Exception Data	DLM 4000.25-1 AP3.2/AP3.3 (MILSTRIP)
A07	511R Requisition - For Overseas Shipment/Overseas DoD Dependent School System Requirement	DLM 4000.25-1 AP3.2 (MILSTRIP)
A0A	511R Requisition - For Domestic Shipment/With NSN/NATO Stock Number	DLM 4000.25-1 AP3.2 (MILSTRIP)



Essential ANSI ASC X12 Code/DOD Code Conversions

- **ANSI ASC X12 mandates use of ANSI code list values in X12 transaction transmissions where they exist**
- **There are three ANSI Code lists that must be used in DLMS transactions**
 - ☐ **Mode of Shipment**
 - ☐ **Type of Pack**
 - ☐ **Unit of Measure**
- **DLMS Conversion guides map DOD definitions to desired X12 definitions**
 - ✓ DOD applications must convert outbound transactions from DOD code values to ANSI code values based on DLMS Conversion Guide definitions
 - ✓ DOD applications must convert inbound transactions from ANSI code values to DOD code values based on DLMS Conversion Guide definitions



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Defense Logistics Management Standards (DLMS) / ANSI ASC X12 Conversion Guides

Three (3) sets of conversion guides contain a cross reference of DoD domain codes (data item codes) to ANSI ASC X12 domain code values. All three conversion guides must be implemented in DoD systems using ANSI ASC X12 transaction formats to convert DoD data values established in legacy systems to the corresponding ANSI ASC X12 code values. The applicable conversion guides are:

- [Transportation Mode of Shipment/Transportation Method/Type Code Conversion Guide](#)
- [Type of Pack Conversion Guide](#)
- **Unit of Materiel Measure (Unit of Issue/Purchase Unit) Conversion Guide.** For ease of use, this conversion guide is available in three different sort sequences:
 - [DoD Code Sequence](#)
 - [ANSI ASC X12 Code Sequence](#)
 - [Alphabetic Name Sequence](#)

Related Links:

- [DLSS/DLMS Cross Reference Table](#)

**Link to
Transportati
on Guide**



Transportation Method/Type Code Conversion Guide

Transportation_Method_Type_Code.xlsx [Read-Only] - Microsoft Excel

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Acrobat

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Font

Calibri

11

A

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Proposed Changes

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A Proposed DLMS Change (PDC) is received from a Component, documentation is prepared, and then distributed for comment.

PROPOSED CHANGE DESCRIPTION		PREPARED DATE	RESPONSE DUE & EXTENSION DATE
Proposed DLMS Change 201A , DDX/DLMS 527D) (Supply)	Purchase Request Number in Logistics Reassignment Memorandum Due-in (MILSTRAP	09/29/11	10/31/11
Proposed DLMS Change 1046 ,	Routing Identifier Code (RIC) and DoD Address Code (DoDAAC) Relationship (DoDAAD)	04/03/13	05/03/13 <i>Army- 06/14/13</i>
Proposed DLMS Change 1050A , (Supply and Finance)	New DOD EMALL DoDAAC and Supply Status Codes for DOD EMALL Credit Card Billing	08/19/13	09/18/13 <i>DLA- On hold for rework</i>
Proposed DLMS Change 1092 , Enterprise Solution (SCES) (Supply/SDR)	DLMS Supply Discrepancy Report (SDR) Interface with the Security Cooperation	5/10/16	5/25/16
Proposed DLMS Change 1114 , and for MRA submission, Based on Time Definite Delivery (TDD) Standards (Supply/MILSTRAP)	Change in Timing to Follow-up for Delinquent Materiel Receipt Acknowledgement (MRA),	10/23/15	11/23/15
Proposed DLMS Change 1159 ,	New Supply Condition Code X, Suspended (Repair Decision Delayed) (Supply/MILSTRAP)	6/25/15	7/27/15
Proposed DLMS Change 1166 , Orders (MRO) under Ship-In-Place Procedures and Associated Rejection of MROs lacking prior PMR using DLMS 824R Reject Advice (Supply/MILSTRIP/MILSTRAP)	Mandatory Prepositioned Materiel Receipt (PMR) for Processing of Materiel Release	08/11/15	09/10/15



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An Approved DLMS Change (ADC) is what a Proposed DLMS Change (PDC) becomes once inputs are received and changes are made. The changes are published and distributed to the Components.

APPROVED DLMS CHANGE/DESCRIPTION		IMPLEMENTED/ DATES
Approved DLMS Change 1100 , Allocation of HGA DoDAAC Series for USTRANSCOM Acquisition Contract (DoDAAD/ SUPPLY)		
Approved DLMS Change 1101 , For Creation of H96 as USNORTHCOM DoDAAC Series (DoDAAD/SUPPLY)		
Approved DLMS Change 1102 , Enhanced SDR Guidance including SDR Routing for Army-Directed Distribution Center Shipments, Procedures for Discrepant or Unauthorized Returns to the Distribution Center (Supply/SDR)		
Approved DLMS Change 1102A , Procedures for Unauthorized/Discrepant Air Force Returns to DLA Distribution Centers (Supply/SDR)		
Approved DLMS Change 1103 , Revise DLMS 824R, Reject Advice, to Include Rejections of Logistics Bills, Clarify use for Rejection of DLMS MILSTRIP Transactions, and Document Administrative Updates (Finance/Supply)		08/20/14 - Staggered implementation
Approved DLMS Change 1104 , Intra-DLA Change for DLA Disposition Services Warehouse Storage Location Update Transaction using DLMS 943A Warehouse Service Advice, and Administrative Updates (Supply)		04/02/14 - Immediate

Template & Instructions for Change Proposal Submissions



DLMS Change Status Review

P9												
	A	B	C	D	E	F	G	H	I	J	K	L
1	1000-Series DLMS Change Status Review											
2	Updated 5/6/2016											
3												
4	This document contains reports that can be accessed using the tabs at the bottom of the window:											
5		DLMS Change Report - Lists all released PDCs and ADCs										
6		DLMS Change Report (all) - Lists all released PDCs and ADCs, in addition to drafts pending release										
7		Component Response Report - Lists Component responses to active PDCs										
8		Overdue Component Response Report - Lists Components that have not responded to active PDCs (not yet released as an ADC) by their suspense date										
9		Implementation Status Report - Lists the active ADC implementation status as communicated by the Components										
10		DLM Publication Report - Lists DLM Manuals and Volumes that are impacted by active ADCs										
11		DLMS IC Report - Lists DLMS Implementation Conventions that are impacted by active ADCs										
12												
13												
	If you have questions about these reports, you can contact DLMSO by visiting											
14	http://www.dlmso.dla.mil/about/Comment/comment_form.php .											
15												
16	Report Control Symbol (RCS) DD-AT(AR)1419											
17												
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Sample of the DLMS Change Status Report

DLMS Change Status Remarks													
DLMS Change Number	DLMS Change Title	Functional Area(s)	Synopsis	DLMS Change POC(s)	Change Originator	Legacy PDC Num	Date PDC Signed	Original Component Response Suspend Date	PDC ADC Sign	Implementation Type	DLMS Change Status	Date Status Change	DLMS Change Status Remarks
1202	Processing of Advance Shipment Notice (ASN) for Certificate of Conformance (CoC) or Alternate Release Procedures (ARP) and Edit Blocking Inappropriate Supply Discrepancy Report (SDR) for Missing Quality Assurance Representative (QAR) Signature (Discrepancy Code D4) and Associated Suspended Receipt	SDR/Supply	This change establishes a requirement for the Defense Logistics Agency (DLA) Distribution Standard System (DSS) to capture Certificate of Conformance (CoC) and Alternate Release Procedures (ARP) indicator when present in the advance shipment notice (ASN) provided via Invoicing, Receipt, Acceptance, and Property Transfer (IRAPT), formerly Wide Area Work Flow (WAWF), interface. DSS must make this information available during receipt processing and ensure that the receiver does not improperly suspend new procurement receipts for missing QAR signature and generate an SDR to the item manager when the CoC or ARP indicator is present. QAR signature is not required prior to vendor shipment when the contract authorizes CoC or the Defense Contract Management Agency (DCMA) has authorized ARP. As a result, the receiving activity does not need to prepare an SDR for missing QAR signature when CoC or ARP indicators are present and the material does not need to be suspended awaiting a signature.	Hilert	DLMSO	NA	4/18/2016	5/18/2016			Active		
1203	Supply Discrepancy Report (SDR) Procedures for Packaging Discrepancies at Foreign Military Sales (FMS) Freight Forwarder or Component Retail Tactical Level Activities including Estimated/Actual	SDR/Supply/Finance	This change documents procedures for processing DLMS SDRs submitted for reimbursement of repackaging costs. These procedures are primarily applicable to (a) FMS shipments frustrated at the freight forwarder facility due to packaging and documentation discrepancies and (b) retail tactical activity discrepant receipts where repackaging is required prior to storage or distribution.	Hilert	DLMSO	NA	3/24/2016	4/29/2016			Active		
1204	Notification Procedures for Mass Billing Errors	Finance	This change to MILSBILLS procedures (see reference) provides procedures for billing offices to notify their FPIC representatives of significant or mass billing errors, who in turn will assist in coordination with appropriate Component FPIC representatives and the FPIC Chair.	Hammond	DLMSO	NA	2/16/2016	3/19/2016	4/11/2016	NA	Active		
1206	Transportation Account Code (TAC) Validation in the Retail Supply and Transportation Interchange and Creation of New Shipment Hold Code S	Supply/Transportation/Billing	(1) This change establishes the requirement for Transportation Account Code (TAC) validation prior to receipt/in-check of cargo by transportation as part of the retail supply and transportation interchange procedures prescribed in DLM 4000.25, Volume 3, Chapter 2, Retail Supply and Transportation Interchange - Stock Shipments (Reference 3.a). (2) In support of the new process, this change proposes a new Shipment Hold Code S, Invalid or Missing Transportation Account Code (TAC), to inform the supply activity of potential delays due to a missing or invalid TAC in the DLMS 940R Material Release Order (MRO). The new shipment hold code is provided via a DLMS 945A (MILSTRIP Legacy Document Identifier Code (DIC) AEB) Material Release Advice with the new code value.	Williams	DLA - Informations	NA	5/2/2016	6/2/2016			Active		
1207	Intra-DLA Revisions to DLMS 945A	Disposal	(1) Establishes a new shipment hold code to flag material frozen by the	Daverede	DLA Logistics Infor	NA	5/2/2016	5/12/2016			Active		



Summary

- **DLMS provides a new logistics data exchange format**
 - ✓ Commercial vs. DOD proprietary standard
 - ✓ Variable length vs. 80-record position records with fixed data lengths
 - ✓ W3C compliant XML schema formats
 - ✓ Web Services
- **Supports new data content to meet DOD needs**
- **Provides opportunity to reengineer logistics business processes**



Module 3 Quiz

Question 1: Which of the following are DLMS enhanced capabilities?

- a) Automation of previously manual processes e.g. Supply Discrepancy Reporting
- b) Mass transaction modification and cancelation capability
- c) Separately identify supply & transportation priorities
- d) Transmission of Radio Frequency Tag Identifier (RFID)
- e) All the above

Question 2: Which is not a basic functionality of the 511R?

- f) Ordering Standard and non-standard materiel
- g) Security Assistance Program materiel ordering (FMS)
- h) Receipt and Acceptance of materiel
- i) Passing and Referral orders

Question 3: If the DOD code (e.g., "AD") is not the same as an ASC X12 code, where do you find the cross reference conversion tables?

- j) Federally approved implementation convention
- k) DLMS Program Office web site at DLMS/ANSI conversion guides

l) Appendix 13 of DLM 4000.25



End of Module 3